

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
 Data File : VN058403.D
 Acq On : 27 Sep 2019 12:39
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/30/2019 10:18:40 AM

Quant Time: Sep 27 23:35:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 27 23:01:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	495085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	838310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	753507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	370079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	724932	104.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.12%	
35) Dibromofluoromethane	7.57	113	527964	103.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.00%	
50) Toluene-d8	10.08	98	2053569	103.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.18%	
62) 4-Bromofluorobenzene	12.41	95	767505	104.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	557772	127.840	ug/l	98
3) Chloromethane	2.04	50	588855	138.658	ug/l	99
4) Vinyl Chloride	2.17	62	593328	136.642	ug/l	99
5) Bromomethane	2.53	94	322339	145.392	ug/l	100
6) Chloroethane	2.67	64	342182	121.629	ug/l	99
7) Trichlorofluoromethane	3.00	101	706536	119.283	ug/l	98
8) Diethyl Ether	3.39	74	310019	116.504	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	481116	114.354	ug/l	100
10) Methyl Iodide	3.93	142	613503	160.103	ug/l	100
11) Tert butyl alcohol	4.76	59	411580	502.703	ug/l	98
12) 1,1-Dichloroethene	3.72	96	470393	127.351	ug/l	98
13) Acrolein	3.59	56	157846	1098.946	ug/l	98
14) Allyl chloride	4.30	41	888367	127.362	ug/l	99
15) Acrylonitrile	4.96	53	1247269	560.915	ug/l	99
16) Acetone	3.79	43	1220081	508.627	ug/l	100
17) Carbon Disulfide	4.03	76	1351502	202.639	ug/l	98
18) Methyl Acetate	4.30	43	603824	97.375	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	1701732	110.057	ug/l	100
20) Methylene Chloride	4.53	84	547652	114.002	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	529531	132.176	ug/l	99
22) Diisopropyl ether	5.93	45	1918718	112.779	ug/l	99
23) Vinyl Acetate	5.87	43	7129443	596.001	ug/l #	93
24) 1,1-Dichloroethane	5.82	63	1050958	113.853	ug/l	100
25) 2-Butanone	6.81	43	1762219	543.648	ug/l	100
26) 2,2-Dichloropropane	6.80	77	896915	114.873	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	614283	116.975	ug/l	99
28) Bromochloromethane	7.18	49	411313	98.153	ug/l	100
29) Tetrahydrofuran	7.19	42	1116794	553.574	ug/l	99
30) Chloroform	7.36	83	1048736	106.881	ug/l	99
31) Cyclohexane	7.64	56	977797	132.052	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	915156	120.952	ug/l	99
36) 1,1-Dichloropropene	7.78	75	828087	127.829	ug/l	99
37) Ethyl Acetate	6.91	43	732651	114.055	ug/l	99
38) Carbon Tetrachloride	7.76	117	783954	123.212	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
 Data File : VN058403.D
 Acq On : 27 Sep 2019 12:39
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/30/2019 10:18:40 AM

Quant Time: Sep 27 23:35:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 27 23:01:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	964790	137.863	ug/l	99
40) Benzene	8.03	78	2330146	119.923	ug/l	100
41) Methacrylonitrile	7.15	41	331524	109.248	ug/l	99
42) 1,2-Dichloroethane	8.11	62	898808	112.335	ug/l	100
43) Isopropyl Acetate	8.15	43	1291194	108.223	ug/l #	90
44) Trichloroethene	8.82	130	584563	122.706	ug/l	99
45) 1,2-Dichloropropane	9.11	63	632573	111.864	ug/l	98
46) Dibromomethane	9.20	93	403673	116.461	ug/l	99
47) Bromodichloromethane	9.39	83	817461	114.582	ug/l	100
48) Methyl methacrylate	9.19	41	614803	113.641	ug/l	100
49) 1,4-Dioxane	9.19	88	174217	2029.703	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	3318680	529.476	ug/l	94
52) Toluene	10.15	92	1470617	121.630	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	937509	126.483	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1009826	123.064	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	548044	105.694	ug/l	99
56) Ethyl methacrylate	10.43	69	900274	119.506	ug/l	99
57) 1,3-Dichloropropane	10.71	76	982685	109.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1798234	521.533	ug/l	100
59) 2-Hexanone	10.75	43	2522237	543.166	ug/l	96
60) Dibromochloromethane	10.90	129	601164	120.444	ug/l	99
61) 1,2-Dibromoethane	11.00	107	576432	117.558	ug/l	99
64) Tetrachloroethene	10.63	164	482885	123.780	ug/l	98
65) Chlorobenzene	11.43	112	1530560	112.076	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	555016	113.834	ug/l	100
67) Ethyl Benzene	11.51	91	2717446	115.175	ug/l	94
68) m/p-Xylenes	11.62	106	2115082	237.709	ug/l	87
69) o-Xylene	11.95	106	1020461	117.245	ug/l	98
70) Styrene	11.97	104	1750308	117.996	ug/l	100
71) Bromoform	12.13	173	385493	125.584	ug/l #	99
73) Isopropylbenzene	12.25	105	2648332	110.581	ug/l	97
74) N-amyl acetate	12.07	43	1179336	119.109	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	798737	102.198	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	655387m	97.558	ug/l	
77) Bromobenzene	12.53	156	638631	106.946	ug/l	98
78) n-propylbenzene	12.60	91	3004708	110.332	ug/l	95
79) 2-Chlorotoluene	12.68	91	1895618	111.991	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	2290206	113.455	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	257498	124.613	ug/l	98
82) 4-Chlorotoluene	12.78	91	1963691	110.945	ug/l	98
83) tert-Butylbenzene	13.00	119	1936300	108.606	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	2290163	113.941	ug/l	97
85) sec-Butylbenzene	13.18	105	2547890	109.290	ug/l	98
86) p-Isopropyltoluene	13.30	119	2305671	111.491	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	1170575	108.095	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1171747	106.294	ug/l	99
89) n-Butylbenzene	13.62	91	2115801	109.424	ug/l	97
90) Hexachloroethane	13.88	117	389274	121.585	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	1143347	106.154	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	163139	116.181	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
Data File : VN058403.D
Acq On : 27 Sep 2019 12:39
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
9/30/2019 10:18:40 AM

Quant Time: Sep 27 23:35:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 27 23:01:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	718697	106.067	ug/l	100
94) Hexachlorobutadiene	15.02	225	315221	96.081	ug/l	99
95) Naphthalene	15.13	128	1965138	112.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	669408	105.184	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092719\
 Data File : VN058403.D
 Acd On : 27 Sep 2019 12:39
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/30/2019 10:18:40 AM

Quant Time: Sep 27 23:35:34 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 27 23:01:20 2019
 Response via : Initial Calibration

